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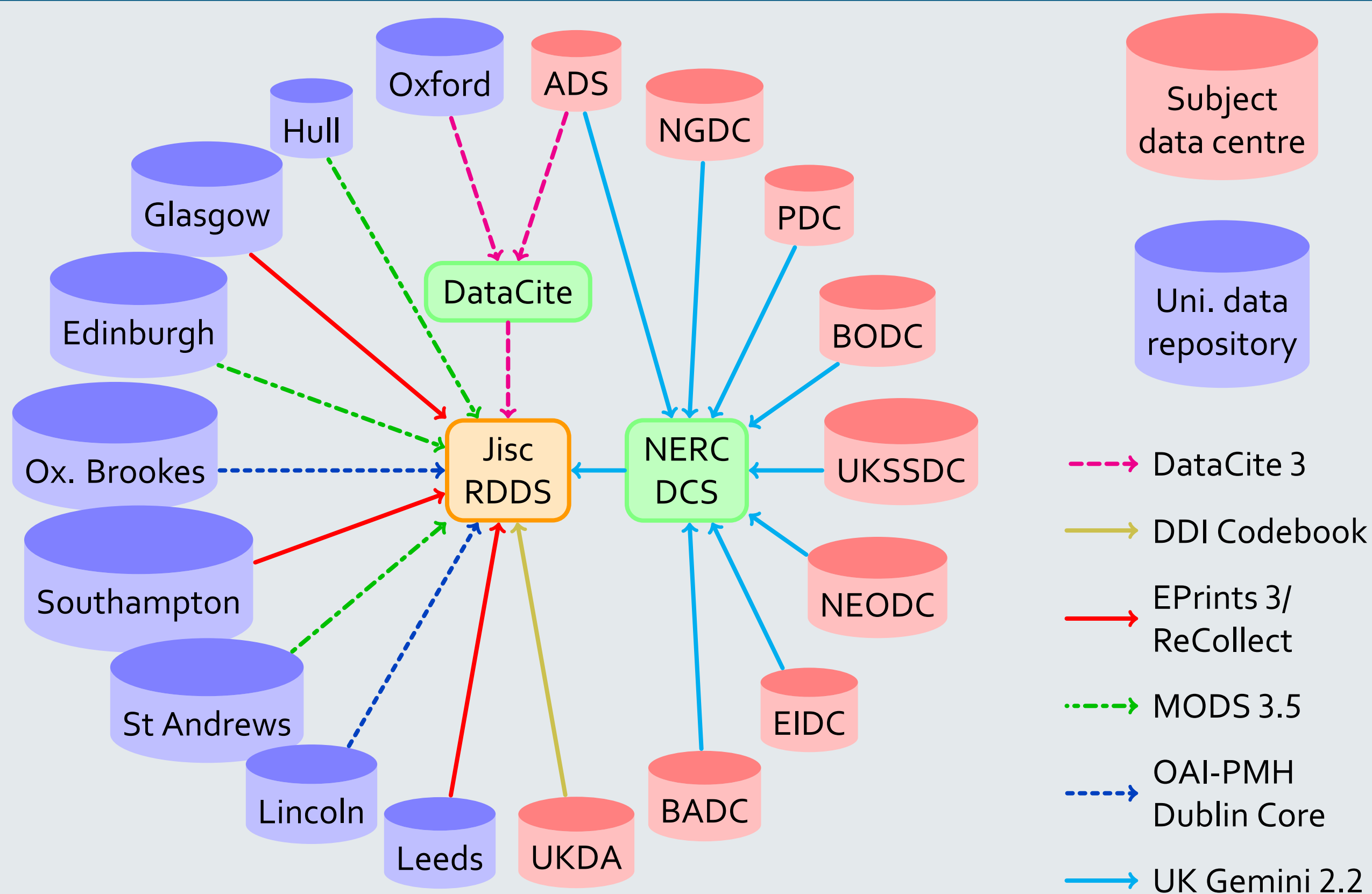
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Aim

EPSRC, a major UK funder, expects the research organisations it funds to maintain a research data catalogue. Many universities are setting up data repositories in response, but will people go to them to look for data to reuse?

The **UK Research Data Discovery Service** will enable the discovery of UK research data, no matter where it is held. It is being developed in two phases.

Phase 1: 2013–2014



- We developed a proof-of-concept discovery service, building on the ORCA software developed by ANDS for Research Data Australia.
- We tested it with data records from 9 subject-based data centres and 9 university data repositories, all from within the UK.
- This involved writing crosswalks from 6 different metadata standards into RIF-CS, the metadata profile used by the ORCA software.
- Harvesting was achieved either by uploading XML from a URL or by copying XML directly into the system.

Proof of concept

Hydrographic data profiles collected by a conductivity-temperature-depth (CTD) sensor package during the Jan Mayen cruise JM4

Full Description
This dataset comprises 73 hydrographic data profiles, collected by a conductivity-temperature-depth (CTD) sensor package, in June 1994 from stations in the North East Norwegian Sea between 69° - 71° N, 15° - 19° E. A complete list of all data parameters are described by the SeaDataNet Parameter Discovery Vocabulary (PDV) keywords assigned in this metadata record. The data were collected by the University of Tromsø Norwegian College of Fishery Science as part of the Ocean Margin Exchange (OMEX) 1 project.

[SHOW ALL DESCRIPTIONS](#)

How to Cite this Collection

Citation (Metadata):
Tande, Kurt (2013,2013,2013,2010,2012): Hydrographic data profiles collected by a conductivity-temperature-depth (CTD) sensor package during the Jan Mayen cruise JM4. British Oceanographic Data Centre. Local: CSR9662CTDR00147.
https://www.bodc.ac.uk/data/online_delivery/nodc/search/

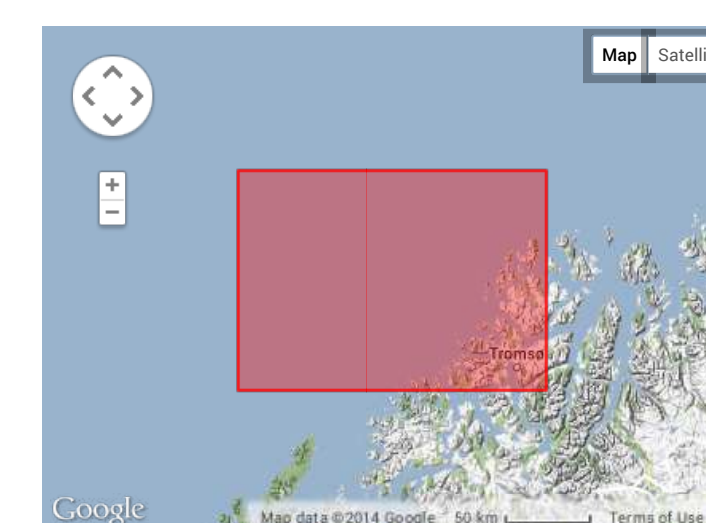
Identifiers

Local: CSR9662CTDR00147

Additional Metadata

URL: <http://csw1.cems.rl.ac.uk/geonetwork-NEERC/srv/eng/csw?SERVICE=CSW&VERSION=2.0.2&REQUEST=GetRecordById&ElementSetName=full&outputSchema=http://www.isotc211.org/2005/gmd&Id=b2535c18b9d9554fa24e25e5013b14a5>

Spatial Coverage:



text: Norwegian Sea

Temporal Coverage:

From 1994-06-13 01:00 to 1994-06-18 01:00

Subjects

Keywords

biota	oceans	Natural Environment Research Council Designated Data Centres
Marine Environmental Data and Information Network	water column boundary layer	
upper epipelagic water column	water column	bathypelagic water column
mesopelagic water column	epipelagic water column	
Coordinate reference systems	Elevation	Oceanographic geographical features
Chlorophyll pigment concentrations in the water column	Density of the water column	
Salinity of the water column	Temperature of the water column	
Vertical spatial coordinates		

Dates

Issued: 2013-07-24 01:00

Created: 2010-02-03 01:00

<http://rdrds.cloudapp.net/registry/>

This is a **Collection** record. There are also **Activity**, **Party** and **Service** records. The system judges their quality level from how much metadata they contain.

Access

<https://www.bodc.ac.uk/data/6...>

Access rights

Usage restrictions are specified in the terms of the licence

Access rights

Data are freely available to all following agreement to the terms and conditions of the British Oceanographic Data Centre Data Licence. The licence terms and conditions are available via <https://www.bodc.ac.uk/data/documents/nodc/267795/>

Connections

People

Kurt Tande ^(P)

Organisations & Groups

British Oceanographic Data Centre

Suggested Links

Internal Records

9 records with matching subjects

External Records

62 records from DataCite



Phase 1 reports

The Phase 1 Work Package reports, Final Report and metadata mapping report are available from the DCC website:

<http://www.dcc.ac.uk/projects/research-data-registry-pilot>



Phase 2: 2014–2016

Objectives:

- Gather requirements and key use cases from potential contributors, end users, Jisc customers and other stakeholders.
- Evaluate the suitability of various software solutions: ORCA, CKAN, others?
- Agree on the metadata that will be collected, how it will be used, and the protocols for harvesting.
- Test and refine the harvesting processes and end-user experience.
- Develop a business case, including evidence-based market research and cost-benefit analysis.
- Develop full guidance on how to use, contribute to and maintain the service.

Questions:

- Could we provide localised views for institutions to use as a data catalogue?
- Could we enhance our data records with information pulled from other registries?
- What other systems might want machine-access to the UK RDDS?

More information can be found on the project blog: <http://rdrds.jiscinvolve.org/wp/>

